Name:

Due: 5/1 (Printed at the start of class) LE.1 \_\_\_\_\_\_\_

Algebra 1 IF.6\_\_\_\_\_\_

**It’s a Zombie World:**

**Using Exponential Growth to Describe Zombie Population Growth**

Initial Human Population & describe it:

Initial Zombie Population (initial amount): 1

Infection rate (rate of change):

Exponential equation (showing zombie growth):

Zombie population when t=10:

Zombie population (in scientific notation) when t=100:

Number of day passed when the total number of zombies meets your initial human population:

*Insert a graph using meta calculator*

Create a story that explains the zombie epidemic in your world. Include the following points in your story:

* Describe the circumstances that led to the first infected human.
* Explain why your zombie virus has the infection rate that you indicated above.
* Describe how the world responds to the zombie infection. (local and other government authorities)
* Explain what your role is in the epidemic.
* For Funzzies: include a picture